





Milk River Engineering Inc.

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MALTA DINOSAUR MUSEUM

SOIL TEST COMPACTION REPORT

Milk River Engineering conducted soil compaction test on the site at the Malta Dinosaur Museum on March 25th 2008. Soil replacement was a clayey sand with gravel mix on the site. The soil classification and proctor densities were conducted by Tetra Tech, Inc located in Helena, Montana.

Project #7720025; Report # 18417 with a Max dry Density of 125.0 pcf optimum moisture = 12.5%.

These tests were conducted with a Siemens 200-C Nuclear Densometer

Our tests were on the compacted sub-grade for the sidewalk. They used a manual whacker compactor with several passes in each direction with a light spray of water before compacting. The contractors asked us if they needed to do more to improve the sight or soil appearance for our inspections. They were very professional and courteous to us and were quick to assist us when needed. The right equipment was used for this job and was done quickly and neatly.

We conducted two (2) passing tests on March 25th with the following results:

Determonation of in-place density

Date	DRY Density PCF	Test Depth inch	Moisture PCF	Moisture %	Max Density PCF	Percent of Compaction
25-Mar	119.8	6"	12.6	9.2	125	95.8
25-Mar	121.5	6"	11.2	11.4	125	97.2

Thank you for allowing us to be part or your project and look forward to conducting more services for you in the future.

Sincerely Yours,

Jay Springer

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SUBMITTAL REVIEW

Project: Great Plains Dinosaur Museum

Date:
9/20/07

**Spec
Section:** 15800 HVAC

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Items Exhaust Fans, Grilles Registers Diffusers, Spiral Duct, Manual
Reviewed: Dampers, Round takeoffs.

Project: 708

**Reviewed
By:** Ted Veach

☒ NO EXCEPTIONS TAKEN

☐ MAKE CORRECTIONS NOTED

☐ REVISE AND RESUBMIT

This review is only for general conformance with the design concept of the project and general compliance with the Contract Documents. Any action shown is subject to the requirements of the Contract Documents. Confirming and correlating all dimensions and quantities; selecting techniques of construction; coordinating the work with all trades; and performing the work in a safe and satisfactory manner remains the Contractor's responsibility. Variances from the Contract Documents have not been granted unless specifically requested in writing and specifically accepted in writing.

Comments:
